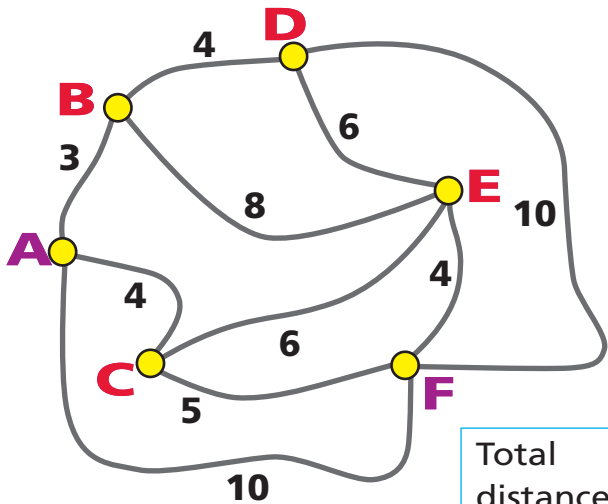


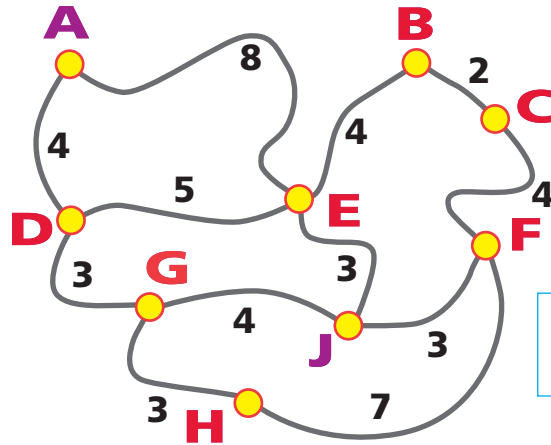
# In each case, find the shortest route which visits every place.

**1** Start at **A** and end at **F**



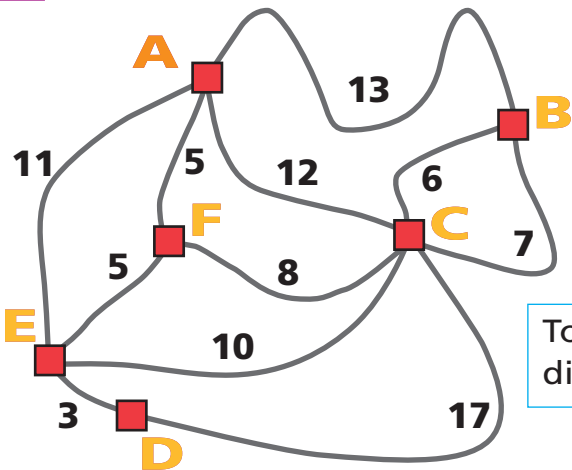
Total distance = \_\_\_\_

**2** Start at **A** and end at **J**



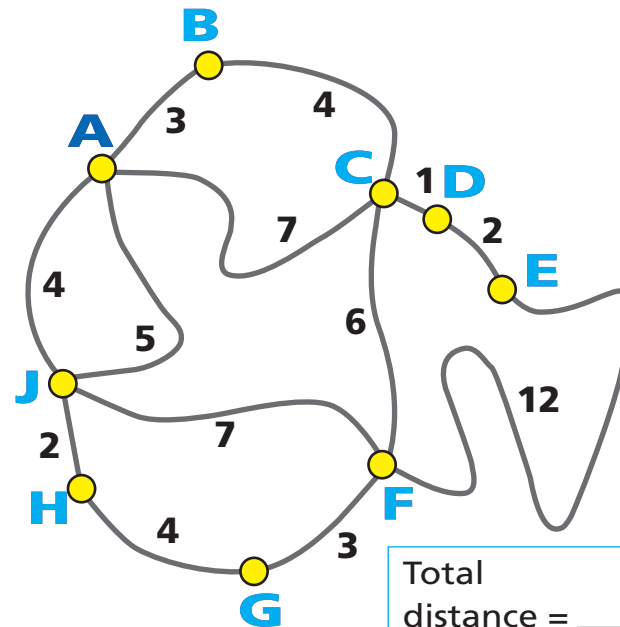
Total distance = \_\_\_\_

**3** Start and end at **A**



Total distance = \_\_\_\_

**4** Start and end at **A**



Total distance = \_\_\_\_

Getting there